Title (en)

METHOD AND APPARATUS FOR REFINING DEPTH IMAGE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERUNG EINES TIEFBILDES

Title (fr)

PROCÉDÉ ET APPAREIL POUR AMÉLIORER UNE IMAGE DE PROFONDEUR

Publication

EP 3385903 A1 20181010 (EN)

Application

EP 18162512 A 20180319

Priority

KR 20170044226 A 20170405

Abstract (en)

A method of refining a depth image includes extracting shading information of color pixels from a color image, and refining a depth image corresponding to the color image based on surface normal information of an object included in the shading information.

IPC 8 full level

G06T 5/00 (2006.01)

CPC (source: CN EP KR US)

G06T 5/00 (2013.01 - KR); **G06T 5/10** (2013.01 - CN); **G06T 5/70** (2024.01 - CN EP US); **G06T 7/11** (2017.01 - US); **G06T 7/12** (2017.01 - US); **G06T 7/507** (2017.01 - KR US); **G06T 7/90** (2017.01 - CN KR); **G06T 15/80** (2013.01 - US); **G06V 20/653** (2022.01 - US); G06T 2207/10024 (2013.01 - EP KR US); G06T 2207/10028 (2013.01 - EP KR US); G06T 2207/20024 (2013.01 - KR); G06T 2207/20182 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3385903 A1 20181010; **EP 3385903 B1 20200708**; CN 108694703 A 20181023; CN 108694703 B 20230627; KR 102320198 B1 20211102; KR 20180113043 A 20181015; US 10991111 B2 20210427; US 2018293745 A1 20181011

DOCDB simple family (application)

EP 18162512 A 20180319; CN 201810250012 A 20180326; KR 20170044226 A 20170405; US 201815913055 A 20180306